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Primary neurons; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Trigeminal placode; Olfactory placode **84** 139

Proliferation; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Ectoderm **84** 161

Promoter; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Protease inhibitor; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Protease Nexin-1; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Purkinje cell; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Rathke's pouch; Optic primordium; Eye; Retina; Neurohypophysis; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Retina; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Vibrissa **84** 181

Retina; Optic primordium; Eye; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Retina; Paired-class homeobox gene; Rx; Eye; Cone photoreceptors;

Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Retinoic acid receptor; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Retinoic acid; *Wnt-3a*; Apoptosis; Tail bud; Neural tissue; Mouse embryo **84** 17

Rhombomeres; GATA-2; Chick; Motor neuron; Hindbrain; Islet1/2 **84** 173

RNA binding protein; *Xenopus laevis*; Germ plasm; Embryogenesis; Translational control; RNA localization; Differentiation **84** 75

RNA localization; *Xenopus laevis*; Germ plasm; Embryogenesis; Translational control; RNA binding protein; Differentiation **84** 75

RNA-binding proteins; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

RRM; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Rx; Paired-class homeobox gene; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Segmental border; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Sensory patch; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Serine protease; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Serrate1; Notch signalling; Mouse; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Sex determination; Cell migration; Gonadogenesis; *Sry*; Mesonephros **84** 127

Sine oculis; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Optix*; Mouse; Mammal **84** 31

Skin; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Limb bud; Cartilage **84** 147

Sox genes; Chicken embryo; Neurogenesis; Organogenesis **84** 103

Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Sry; Cell migration; Gonadogenesis; Sex determination; Mesonephros **84** 127

Supporting cell; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Tail bud; Retinoic acid; *Wnt-3a*; Apoptosis; Neural tissue; Mouse embryo **84** 17

Tailbud; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

TBP-associated-factors; Mesoderm; Dorsal; Twist; TFIID; Transcriptional activation **84** 3

Tbr1; T-box genes; Eomesodermin; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Tbr2; T-box genes; Eomesodermin; *Tbr1*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Telencephalon; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

TFIID; Mesoderm; Dorsal; Twist; TBP-associated-factors; Transcriptional activation **84** 3

Tooth development; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Joint formation **84** 121

Tooth; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

tprd gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

TPR motif; *tprd* gene; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Transcription factor; Mouse embryogenesis; Odd-skipped; Zinc finger; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157

Transcriptional activation; Mesoderm; Dorsal; Twist; TFIID; TBP-associated-factors **84** 3

Transcriptional regulation; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Transfection; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Transgenic mice; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Translational control; *Xenopus laevis*; Germ plasm; Embryogenesis; RNA binding protein; RNA localization; Differentiation **84** 75

Translational control; Polyadenylation; Deadenylation; Nuclear lamin; Maternal RNA; *Xenopus* **84** 89

Transplantation; Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Isthmus; Induction; *fgf8* **84** 41

Trigeminal placode; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Olfactory placode **84** 139

TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Twist; Mesoderm; Dorsal; TFIID; TBP-associated-factors; Transcriptional activation **84** 3

Urogenital ridge; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Vertebrate; G protein-coupled receptors; Endothelium; Embryogenesis; Mouse **84** 199

Vibrissa; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina **84** 181

Vibrissa; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; K14; Histone H3; Proliferation; Ectoderm **84** 161

Wnt-3a; Retinoic acid; Apoptosis; Tail bud; Neural tissue; Mouse embryo **84** 17

Wolffian duct; *cdh-16*; ksp-cadherin; Cell adhesion; Epithelium; Kidney; Lung; Mullerian duct **84** 185

Xel-1; *elav*; Hu; *elrB*; *elrC*; *elrD*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Xenopus; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Xenopus; Translational control; Polyadenylation; Deadenylation; Nuclear lamin; Maternal RNA **84** 89

Xenopus laevis; Germ plasm; Embryogenesis; RNA binding protein; Translational control; RNA localization; Differentiation **84** 75

Zebrafish; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development **84** 195

Zinc finger; Mouse embryogenesis; Odd-skipped; Transcription factor; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157